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| FORM PTO-1449                                                                                     | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>FY.50590US1A     | APPLICATION NO.<br>Unknown |
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>(USE SEVERAL SHEETS IF NECESSARY) |                                                            | APPLICANT<br>Naohiro Morozumi et al. |                            |
|                                                                                                   |                                                            | FILING DATE<br>Herewith              | GROUP<br>Unknown           |

| U.S. PATENT DOCUMENTS |   |                 |          |               |       |          |                                 |
|-----------------------|---|-----------------|----------|---------------|-------|----------|---------------------------------|
| EXAMINER<br>INITIAL   |   | DOCUMENT NUMBER | DATE     | NAME          | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
| <i>W</i>              | 1 | 3,957,943       | 05/18/76 | Ogura         |       | <i>S</i> |                                 |
| <i>W</i>              | 2 | 5,122,419       | 06/16/92 | Kurato et al. |       |          |                                 |
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| FOREIGN PATENT DOCUMENTS |    |                 |          |                               |       |          |             |    |
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| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER | DATE     | COUNTRY                       | CLASS | SUBCLASS | TRANSLATION |    |
|                          |    |                 |          |                               |       |          | YES         | NO |
| <i>W</i>                 | 3  | 2000-317047     | 10/17/00 | Japan (with English Abstract) |       |          |             |    |
|                          | 4  | 2000-001829     | 07/01/00 | Japan (with English Abstract) |       |          |             |    |
|                          | 5  | 09-156561       | 06/13/97 | Japan (with English Abstract) |       |          |             |    |
|                          | 6  | 09-095672       | 04/14/97 | Japan (with English Abstract) |       |          |             |    |
|                          | 7  | 08-330060       | 12/10/96 | Japan (with English Abstract) |       |          |             |    |
|                          | 8  | 08-160336       | 06/20/96 | Japan (with English Abstract) |       |          |             |    |
|                          | 9  | 07-101485       | 04/25/95 | Japan (with English Abstract) |       |          |             |    |
|                          | 10 | 06-278642       | 10/19/94 | Japan (with English Abstract) |       |          |             |    |
|                          | 11 | 06-164255       | 07/15/94 | Japan (with English Abstract) |       |          |             |    |
|                          | 12 | 54-144187       | 11/07/79 | Japan (with English Abstract) |       |          |             |    |
|                          | 13 | 54-121297       | 09/19/79 | Japan (with English Abstract) |       |          |             |    |
|                          | 14 | 54-121296       | 09/19/79 | Japan (with English Abstract) |       |          |             |    |
| <i>W</i>                 | 15 | 54-022448       | 02/27/79 | Japan (with English Abstract) |       |          |             |    |

| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |
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| EXAMINER                                                                                                                                                                                                                                 | <i>W</i> | DATE CONSIDERED | <i>1/0/0</i> |
| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |          |                 |              |